

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

INVENTORS: Tang et al.

SERIAL NO.: Unknown

ART UNIT: Unknown

FILED: Herewith

EXAMINER: Unknown

TITLE: "Method And Apparatus Providing Adaptive Learning In An
Orthogonal Frequency Division Multiplex Communication System"

ATTORNEY DOCKET NO.: 873.0123.U!(US)

Commissioner For Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

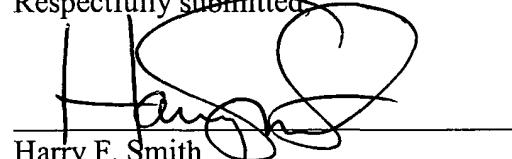
INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to Sections 609 and 707.05(b) of the MPEP and 37 CFR 1.97-1.99, copies are herewith submitted of documents which may be pertinent to the invention as claimed in the above-identified application. The attached form PTO-1449 lists these documents.

The citation of these documents should not be construed as a representation that a thorough search has been made, or that other, more pertinent material is not available.

Respectfully submitted,


Harry F. Smith
Reg. No. 32,493

HARRINGTON & SMITH, LLP
4 Research Drive
Shelton, CT 06484-6212

Telephone: (203)925-9400
Facsimile: (203)944-0245
email: hsmith@HSpatent.com
Customer No.: 29683

INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449) (Substitute)		Docket No.: 873.0123.U1(US)	Serial No.:		
		Applicant(s): Tang et al.			
		Filing Date: herewith	Group:		
U.S. PATENT DOCUMENTS					
Examiner Initials	Document Number (Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Class	Sub-class
	US- US- US- US- US- US- US- US- US- US- US- US- US- US- US-				
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a	
	- - - - - - - - - - - - - -				
OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)					
<input checked="" type="checkbox"/>	"Adaptive OFDM for wideband radio channels", Czylwik, Andreas, IEEE GLOBECOM 96, Nov. 18-22, 1996 Vol. 1, pp. 713-718				
<input checked="" type="checkbox"/>	"Computationally Efficient Optimal Power Allocation Algorithms for Multicarrier Communication Systems", Krongold, B.S., et al., IEEE Trans. On Communications, Vol. 48, No. 1, 2000, pp. 23-27				
<input checked="" type="checkbox"/>	"A Blockwise Loading Algorithm for the Adaptive Modulation Technique in OFDM Systems", Grunheid, R., et al., IEEE 54 th Vehicular Technology Conference, Oct. 2001, Vol. 2, pp. 948-951				
<input checked="" type="checkbox"/>	"Adaptive Modulation Techniques for Duplex OFDM Transmission", Keller, T., et al., IEEE Trans. On Vehicular Technology, Vol. 49, No. 5, Sept. 2000, pp. 1893-1906				
<input checked="" type="checkbox"/>	"High Bit Rate Transmission Scheme with a multilevel Transmit Power Control for the OFDM based Adaptive Modulation Systems", Yoshiki, Tomoaki, et al., IEEE 53 rd Vehicular Technology Conference, May 2001, Vol. 1, pp. 727-731				
<input checked="" type="checkbox"/>	"Adaptive Control of Link Adaptation for High Speed Downlink Packet Access (HSDPA) W-CDMA", Nakamura, M., et al., IEEE 5 th International Symposium on Wireless Personal Multimedia Communications, Oct. 2002, Vol. 2, pp. 382-386				
<input checked="" type="checkbox"/>	"Performance of an OFDM-TDMA Mobile Communication System", Rohling, H., IEEE, May 1996, pp. 1589-1593				
Examiner's Signature:			Date Considered:		